

**WELTON**  
**RURAL DISTRICT COUNCIL**

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**ANNUAL REPORT**

OF THE  
**MEDICAL OFFICER OF HEALTH  
AND SANITARY INSPECTOR**

FOR THE YEAR

**1941**

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LINCOLN :  
DONCASTERS LTD., MINT LANE



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# WELTON RURAL DISTRICT COUNCIL.

*Chairman :* MR. H. P. STAMP, Faldingworth. .

*Vice-Chairman* : MR. W. S. HIPKIN, Torksey.

*Treasurer :* NATIONAL PROVINCIAL BANK LIMITED, Lincoln.

*Clerk :* MR. ROBERT EPTON, Solicitor, Lincoln.

*Deputy Clerk:* MR. WILLIAM EPTON, Solicitor, Lincoln. (*On Service*).

*Medical Officer of Health :* DR. W. SHARRARD, The Avenue, Lincoln.

*Sanitary Inspector, Surveyor and Water-works Manager :*  
MR. F. L. LEACH, F.F.A.S., M.S.I.A.

*Financial Officer.* MR. F. FOSTER,

Rating and Valuation Officer :  
MR. L. H. KING.

*Council Offices :*

31 CLASKETGATE, LINCOLN.

Telephone 8617.

### Waterworks Pumping Stations :

WELTON and BARDNEY.

The Chairman and Vice-Chairman act as *ex-officio* members of all Committees and Sub-Committees of the Council (except the Rating Committee).

*On War Service, Sanitary Dept.* : P. NEWLOVE and F. KEMP.

TO THE RURAL DISTRICT COUNCIL OF WELTON.

Mr. Chairman, Ladies and Gentlemen,

As your Medical Officer of Health I have pleasure in presenting before you my 22nd Annual Report. As requested by the Ministry of Health, only essential information should be published, and that briefly.

## Statistics and Social Conditions in the Area.

Area	...	...	...	...	...	...	83,712 acres.
Population, 1941	...	...	...	...	...	...	12,710
Number of Inhabited Houses				1940	...		3,824
„ „ „ „				1941	...		3,825
Number of families or separate occupiers,				1931			3,079
Rateable Value 1941	...	...				£51,042 (i.e. + £4,184)	
Penny Rate	...	...	...				£216 (i.e. + £22)

The usual pursuits were carried on in the District.



## VITAL STATISTICS.

Live Births :—	Totals	M.	F.	
Legitimate	197	91	106	Birth Rate 16·5 per 1,000.
Illegitimate	13	7	6	
Still Births	4	3	1	Rate per 1,000. total births 18·6.
Deaths	157	80	77	Crude Death Rate 12·35.
Number of women dying in, or in consequence of, childbirth	...	...	...	{ from sepsis 0 { from other causes 0 Rate per 1,000 Births 0
Deaths of Infants under one year of age, per 1,000 births ...	Total	32·9		
Deaths from Measles (all ages) ...				0
„ „ Whooping Cough (all ages) ...				0
„ „ Diarrhoea (under 2 years of age)...				1
„ „ Smallpox, Nil. Scarlet Fever				0
„ „ Diphtheria ...				0
Cancer was accountable for 12·7% (14% for County) of the deaths : total number of cases, 18.				
Cerebral Hæmorrhage 11·5% of the deaths.				
Heart Disease, 26·% and Influenza, 1·4%. Pneumonia 2·5%.				
Infantile mortality is well below that for England and Wales.				

## GENERAL PROVISIONS of HEALTH SERVICES for the Area.

These were pretty well the same as in the year previous.

## SANITARY CIRCUMSTANCES OF THE AREA.

### Water. Samples taken.

	1927-1937	1938	1939	1940	1941
Found good	45	9	9	6	6
Found bad	61	1	2	6	1

The bad sample came from a well at Saxilby.

### General Water Supply.

Nearly 76 million gallons of water were used during the year, this being very nearly 20% more than the previous year.

Approval was sanctioned in June by the Ministry of Health for your Council to proceed with the water softening plant, and the work was commenced towards the latter part of the year. This should be completed within 9 months.

Several burst water mains had to be repaired, and this is difficult when occurring at night time during the "black-out" periods.

### Housing.

No Council houses were erected and private enterprise ceased ; a large number will be required after the war and these must have as many labour saving devices as possible, otherwise the farming community will suffer very badly if the rural worker is forced to migrate to urban and

city life. Private enterprise in rural areas is never able to provide houses for these types of workers, hence financial assistance must be given. A very acute shortage of houses is already prevalent and overcrowding is taking place, due to evacuees and war conditions.

Owners of property in some cases give orders for repairs to be carried out, but weeks elapse before these can be done, labour and material always being difficult to obtain.

### **Sewage.**

As previous reports show, there are several villages where schemes are held up until after the war.

### **Scavenging.**

This work is still being carried out as in my previous report, and a few complaints were received.

### **Salvage.**

About 42 tons of paper have been collected and there will be more next year. The W.V.S. have undertaken this work with no cost on the rates except transport.

### **Inspection and Supervision of Foods.**

Attention has been given to this class of work and no case of warning was necessary. Most of this work is controlled through government and central channels.

### **Dairies and Cowsheds.**

Special attention has been given to this class of work, although the farmer has been severely handicapped by labour shortage, and the demand for increased food production work. There is still room for improvement in cleanliness, and only by annual licences, as previously advocated in my former reports, can those responsible for milk production be made to realise the importance of cleanliness.

### **Fire Brigade Services.**

These are now administered by the N.F.S. In case of fire Telephone Lincoln 855 or 626.

### **Infectious Diseases.**

Bardney	...	Cerebro Spinal Fever	...	1 case
Nettleham	...	ditto	...	1 "
Ingham	...	ditto	...	1 "
Scampton	...	ditto	...	1 "
Thorpe-le-Fallows	...	ditto	...	1 "
Bardney	...	Diphtheria	...	1 "
Dunholme	...	"	...	1 "

Measles and Whooping Cough were general over the district, no deaths fortunately occurred from these diseases.

## Prevalence of, and Control over, Infectious Diseases.

DISEASES	TOTAL CASES NOTIFIED	CASES ADMITTED TO HOSPITAL	TOTAL DEATHS
Ophthalmia Neonatorum ... ..	1	—	—
Small Pox ... ..	—	—	—
Scarlet Fever ... ..	1	—	—
Diphtheria ... ..	2	1	—
Enteric Fever (including Paratyphoid) ...	—	—	—
Puerperal Pyrexia ... ..	—	—	—
Pneumonia ... ..	4	—	4
Erysipelas ... ..	3	—	—
Encephalitis ... ..	—	—	—
Whooping Cough ... ..	78	—	—
Measles ... ..	70	—	—
Cerebro Spinal Meningitis ... ..	5	5	0

### TUBERCULOSIS.—New Cases in 1941.

AGE PERIOD	NEW CASES			
	PULMONARY		NON-PULMONARY	
	MALE	FEMALE	MALE	FEMALE
Under 1 year ... ..				
Over 1 „ ... ..		1	1	2
„ 5 „ ... ..		3	1	1
„ 15 „ ... ..		4	2	
„ 25 „ ... ..	2	1		1
„ 35 „ ... ..				
„ 45 „ ... ..	1	1		1
„ 55 „ ... ..				
65 and upwards ... ..				
TOTAL ...	3	10	4	5

### SANITARY CONDITIONS OF THE AREA for 1941.

Total No. of New Houses erected during the year ...	0
(1) By the Local Authority ... ..	0
(2) By other Local Authorities ... ..	0
(3) By other bodies or persons ... ..	0



### 1. Inspection of Dwelling-houses during the year.

(1) (a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... ..	70
(b)	Number of inspections made for the purpose ...	82
(2) (a)	No. of dwelling-houses (included under Sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	16
(b)	No. of inspections made for the purpose ...	18
(3)	No. of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation... ..	0
(4)	No. of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ...	0

### 2. Remedy of Defects during the year without Service of Formal Notice.

No. of Defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ... ..	12
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### 3. Action under Statutory Powers during the year.

(a)	Proceedings under Section 9, 10 and 36 of the Housing Act, 1936 :—	
(1)	No. of dwelling-houses in respect of which notices were served requiring repairs ... ..	0
(2)	No. of dwelling-houses which were rendered fit after service of formal notices :—	
(a)	by owners ... ..	0
(b)	by Local Authority in default of owners ...	0
(b)	Proceedings under Public Health Acts :—	
(1)	No. of dwelling-houses in respect of which notices were served requiring defects to be remedied ...	6
(2)	No. of dwelling-houses in which defects were remedied after service of formal notice :—	
(a)	by owners ... ..	6
(b)	by Local Authority in default of owners ...	0
(c)	Proceedings under section 11 and 13 of the Housing Act, 1936 :—	
(1)	No. of dwelling-houses in respect of which Demolition Orders were made ... ..	0



(2) No. of dwelling-houses demolished in pursuance of Demolition Orders ... ..	0
(3) No. of dwelling-houses subject to undertakings ...	0
(d) Proceedings under section 12 of the Housing Act, 1936 :	
(1) No. of separate tenements or underground rooms in respect of which Closing Orders were made ...	0
(2) No. of separate tenements or underground rooms in respect of which Closing Orders were determined the tenement or room having been rendered fit ...	0

#### 4. Housing Act, 1936.—Part IV—Overcrowding.

(a) (1) No. of dwelling-houses overcrowded at the end of the year ... ..	20
(2) Number of families dwelling therein ...	28
(3) Number of persons dwelling therein ...	102
(b) No. of new cases of overcrowding reported during the year ... ..	8
(c) (1) No. of cases of overcrowding relieved during the year ... ..	2
(2) No. of persons concerned in such case ...	12
(d) Number of houses again overcrowded after being previously relieved ... ..	0

**Common Lodging Houses.** ... .. —

**Canal Boats used as Dwelling-houses** ... .. —

**Movable Dwellings, Tents, Vans, etc.** ... ..

No. inspected during year ... ..	12
No. of nuisances therefrom abated ... ..	0
No. removed from district ... ..	4

#### **Bakehouses.**

No. in district ... ..	10
No. of underground bakehouses ... ..	—
No. of Inspections ... ..	12
Contraventions of Factory Acts ... ..	2
Defects remedied ... ..	2

#### **Slaughterhouses.**

No. on register ... ..	13
No. of Inspections ... ..	10
Contraventions of by-laws ... ..	0
Defects amended ... ..	0

**Cowsheds.**

No. on register	...	...	...	...	...	...	220
No. of Inspections	...	...	...	...	...	...	114
Contraventions of regulations	...	...	...	...	...	...	20
Contraventions remedied	...	...	...	...	...	...	18
No. of milch cows in district	...	...	...	...	...	...	950

**Dairies and Milk Shops.**

No. on register	...	...	...	...	...	...	20
No. of Inspections	...	...	...	...	...	...	14
Contraventions of regulations	...	...	...	...	...	...	0
Contraventions remedied	...	...	...	...	...	...	0
Any instance of disease attributed to milk during the year	...	...	...	...	...	...	Nil

**Shops Act, 1934.**

No. of shops inspected	...	...	...	...	...	...	26
Additional heating or ventilation	...	...	...	...	...	...	0
Additional sanitary conveniences	...	...	...	...	...	...	0

**Water Supply.**

Wells	{ New Sunk	...	...	...	...	...	0
	{ Cleansed, repaired	...	...	...	...	...	2
	{ Closed, as polluted	...	...	...	...	...	1
Public Supply	{ Area supplied	...	...	...	...	...	—
	{ Percentage of houses supplied	...	...	...	65% to 75%	...	—
	{ New Cisterns provided	...	...	...	...	...	—
	{ Cisterns cleansed, repaired, covered, etc.	...	...	...	...	...	0
No. of samples obtained for analysis	...	...	...	...	...	...	7
(a) from wells	...	...	...	...	...	...	3
(b) from public supply	...	...	...	...	...	...	4
Any insufficiency and where	...	...	...	...	...	...	Nil

**Drainage and Sewerage—Closets.**

No. of houses with privy vaults in district	...	...	...	...	...	1,123
No. of houses with pail closets in district	...	...	...	...	...	1,406
No. of pail closets substituted for privy vaults	...	...	...	...	...	2
No. of pail closets repaired	...	...	...	...	...	20
No. of water-closets substituted for dry receptacles	...	...	...	...	...	2
No. of houses with water-closets in district	...	...	...	...	...	620
No. of water-closets repaired	...	...	...	...	...	18

**Drains.**

Drains examined, tested, exposed, &c.	...	...	...	...	...	28
Drains unstopped, repaired, trapped, &c.	...	...	...	...	...	21
Waste pipes, rain water pipes disconnected, repaired, &c.	...	...	...	...	...	2
New soil pipes or ventilating shafts fixed	...	...	...	...	...	1
Existing soil pipes or ventilating shafts repaired	...	...	...	...	...	10
Drains reconstructed	...	...	...	...	...	3

**Sewers.**

New lengths of sewer laid	...	...	...	...	...	0
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**Tanks, Filter Beds, etc.**

Alterations to sewage disposal works	...	...	...	0
Any inadequacy of sewage disposal works or complaints	as before			
as to smells	...	Bardney and other villages	same as 1940	

**Cesspools.**

Cesspools rendered impervious	...	...	...	...	2
Cesspools emptied, cleansed, &c.	...	...	...	...	600
Cesspools abolished	...	...	...	...	0

**Disinfection.**

Rooms disinfected	...	...	...	...	...	8
(a) ordinary infectious disease	...	...	...	...	...	4
(b) tuberculosis	...	...	...	...	...	4
Rooms stripped and cleansed	...	...	...	...	...	3
Articles disinfected or destroyed	...	...	...	...	...	6
(a) ordinary infectious disease	...	...	...	...	...	4
(b) tuberculosis	...	...	...	...	...	2

**House Refuse.**

No. of covered ashpits	...	...	...	...	not known
No. of uncovered ashpits	...	...	...	...	not known
No. of bins substituted for ashpits	...	...	...	...	3
No. of houses using bins	...	...	...	...	1,600
No. of complaints of non-removal	...	...	...	...	a few
Method of final disposal	...	...	...	Controlled Tip	

**Nuisances.**

Total No. of Nuisances during year :—

(1) Abated as result of informal action by Sanitary Inspector	...	...	...	...	...	23
(2) Reported to Council (Statutory notice issued)	...	...	...	...	...	0

**Details of Nuisances abated.**

After informal information :—

Overcrowding	...	...	...	...	...	6
Smoke	...	...	...	...	...	0
Accumulation of refuse	...	...	...	...	...	10
Foul ditches, ponds and stagnant water	...	...	...	...	...	4
Foul pigs and other animals	...	...	...	...	...	16
Dampness	...	...	...	...	...	7
Yards, re-paved or repaired	...	...	...	...	...	10
Other nuisances	...	...	...	...	...	5



## GENERAL REMARKS.

### Diphtheria Immunisation.

This important matter is being pushed forward at as fast a pace as possible in order to ensure as much protection as possible for our young children. At the end of 1941, we had about 15% of children under five and 24% of these over five and under fifteen immunised and so protected. We must have 80% at as early a date as possible, and I trust every Councillor will use his influence to persuade waverers.

Despite over two years of war with rationing and limitation of many items of our usual diet, the health of the district has remained remarkably good on the whole, and although we had almost 150 cases of those trying diseases, Measles and Whooping Cough, we had no deaths.

Certain foods, and particularly those containing vitamins, have come to be recognised as of extreme value beyond mere monetary worth. The humble cabbage and carrot, the whole wheaten flour, milk and eggs, now hold highly honoured places in our diet, and their value can be discussed nowadays with as much knowledge by the simple housewife as by many an erstwhile student of physiology and chemistry, thanks to efficient radio and newspaper publicity. The more we know of such things generally the better for the future of our race.

Once more I wish to thank your Inspector for another year's work, in which "salvage" has been a greater worry than infectious disease.

I have the honour to be,

Your obedient servant,

W. SHARRARD.



## APPENDIX I.

## CAUSES OF DEATH.

	M	F		M	F
1 Typhoid and para-typhoid fevers ...			19 Pneumonia (all forms)	2	2
2 Cerebro-spinal fever			20 Other respiratory diseases ...	0	2
3 Scarlet fever ...			21 Pepticulcer ...	1	0
4 Whooping cough ...			22 Aneurysm ...		
5 Diphtheria ...			23 Cirrhosis of liver ...		
6 Tuberculosis of re-spiratory system ...	2	1	24 Other diseases of liver, etc. ...		
7 Other tuberculosis diseases ...	3		25 Diarrhoea, etc (under 2 years) ...	1	
8 Syphilis ...			26 Appendicitis ...		
9 Influenza ...	1	2	27 Other digestive diseases ...	3	2
10 Measles ...			28 Acute and chronic nephritis ...	2	3
11 Encephalitis lethargica			29 Puerperal sepsis ...		
12 General paralysis of the insane, tabes dorsalis ...			30 Other puerperal diseases ...		
13 Cancer, malignant disease ...	11	9	31 Congenital debility, premature birth, malformations, etc.	2	2
14 Diabetes ...			32 Suicide ...		
15 Cerebral hæmorrhage, etc. ...	9	9	33 Road Traffic Accident	5	0
16 Heart disease ...	18	23	34 Other violence ...	1	3
17 Other circulatory diseases ...	2	1	35 All other causes ...	8	15
18 Bronchitis ...	9	3	All causes ...	80	77

	M.	F.
Deaths of Infants under 1 year :—Total ...	3	4
Legitimate ...	3	4
Illegitimate ...	0	0

		For I.M.		For B. rate.	
Live Births—		M.	F.	M.	F.
Total ...	...	99	114	98	112
Legitimate ...	...	92	108	91	106
Illegitimate ...	...	7	6	7	6

Stillbirths—Total ...	...	...	3	1
Legitimate ...	...	...	3	1
Illegitimate ...	...	...	0	0

Population ...	...	...	...	12,710
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# APPENDIX II BIRTH-RATES, DEATH-RATES, AND ANALYSIS OF MORTALITY DURING THE YEAR 1941.

	Birth Rate per 1,000 Total population		Annual Death-rate per 1,000 Population										Rate per live 1,000 Births	
	Live Births	Still-births	All Causes	Typhoid and Para-Typhoid Fever	Small-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Diarrhoea and Enteritis (under 2 years)	Total Deaths under 1 year		
England and Wales .....	14.2	0.51	12.9	.00	0.0	.03	.00	.06	.07	.19	5.1	59		
126 County Boroughs and Great Towns, including London ...	14.7	0.58	14.9	0.00	0.00	.03	.00	.07	.08	.17	7.5	71		
148 Smaller Towns (Estimated Resident Populations 25,000 to 50,000 at Census 1931) .....	16.4	0.60	13.	0.00	0.00	.03	.01	.06	.06	0.20	4.6	56		
London .....	8.9	0.33	16.3	0.01	0.00	.02	.00	.04	.03	0.15	6.8	68		
WELTON.....	16.5	0.31	12.35	0.00	0.00	0.00	0.00	0.00	0.00	0.24	4.7	32.9		



